

Full Title of the Project: : Diversion of 0.618 ha. of forest land for laying of 900 mm Water supply pipe line from RD 17.6 to Siha Minor at RD 19.1 & Near NH-2 RD 24.9 to Gounchhi Drain RD 27.4 Manpur road under forest Division & District Palwal

File No. :

FP/HR/Water/35225/2018

Date of Proposal:

CHECK LIST SERIAL NUMBER - 17

LOCATION MAP

Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for : Diversion of 0.618 ha. of forest land for laying of 900 mm Water supply pipe line from RD 17.6 to Siha Minor at RD 19.1 & Near NH-2 RD 24.9 to Gounchhi Drain RD 27.4 Manpur road under forest Division & District Palwal

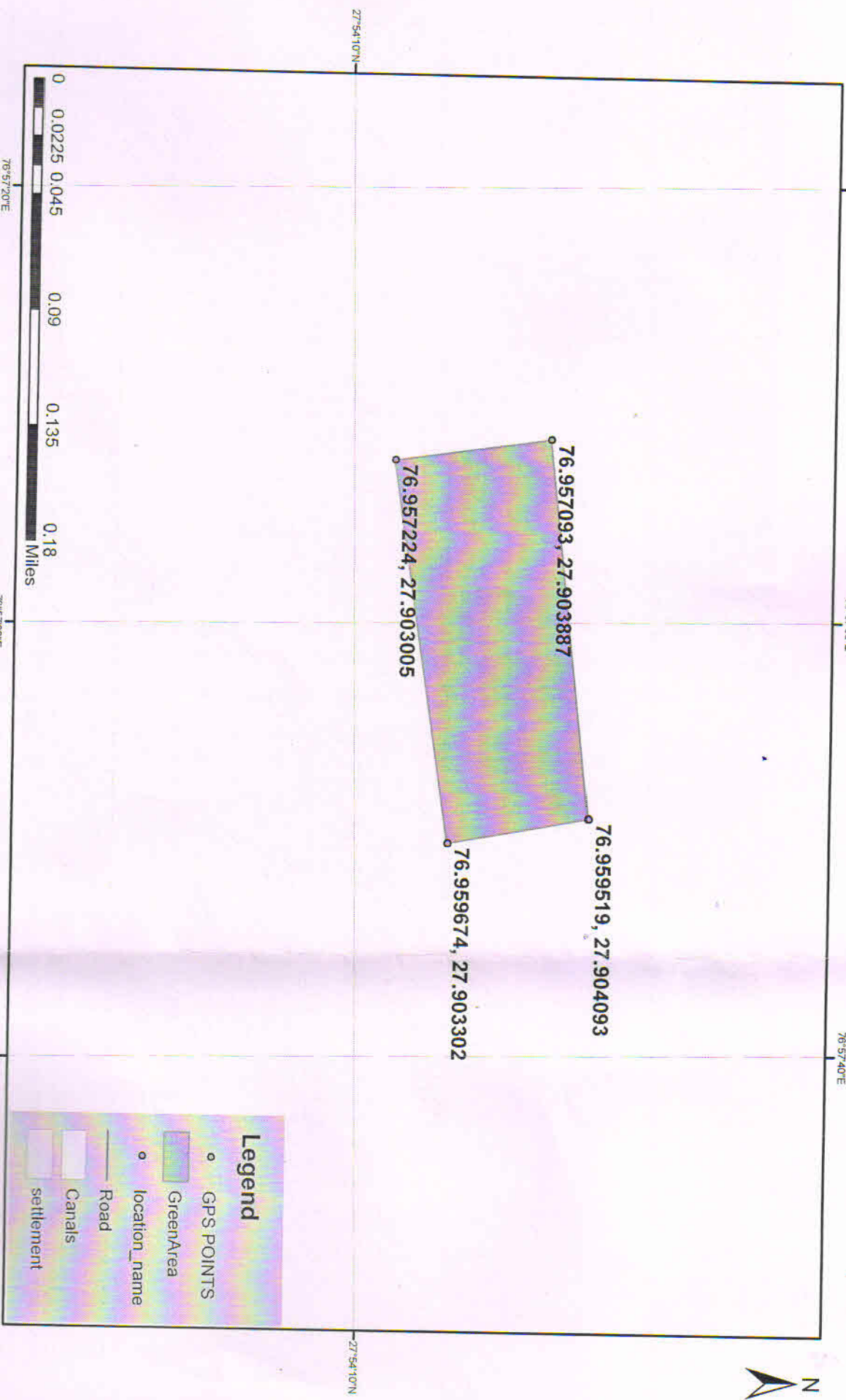
Village: **Nangal Mubarikpur Sec 4-5 Tehsil: Firozpur Jhirka District: Nuh-Mewat**
Forest Division: **Nuh** Forest Range: **Firozpur Jhirka** Block No./Compartment No./Survey No.: - Protected Forests Area:- **0.618 Ha. Twice area 1.236 Ha.**

Date:-

Place:- Mewat

Divisional Forest Officer,
Mewat-Nuh
Mewat Forest Division

DGPS MAP ON Nangal Mubarkpur_Aravalli Plantation for diversion of forest land for laying of 900 & 600 MM/DDI water supply pipe line for 80 no. of village of Firozpur Zirka and Nagina Block in District Mewat and Hodal Block in Palwal District under NABARD Scheme, Proposal no.35225



Mewat Forest Office
Mewat Forest Office
Forest Office

Office
Days

NOT FOR EXPORT

No. G43E13

Full Title of the Project - : Diversion of 0.618 ha. of forest land for laying of 900 mm Water supply pipe line from RD 17.6 to Siha Minor at RD 19.1 & Near NH-2 RD 24.9 to Gounchhi Drain RD 27.4 Manpur road under forest Division & District Palwal

File No. : FP/HR/Water/35225/2018
Date of Proposal:

CHECK LIST SERIAL NUMBER:-18 "CA SCHEME"

Name of the Forest/Reach to be : Diversion of 0.618 ha. of forest land for laying of 900 mm Water supply pipe line from RD 17.6 to Siha Minor at RD 19.1 & Near NH-2 RD 24.9 to Gounchhi Drain RD 27.4 Manpur road under forest Division & District Palwal

Details of degraded forest land/non-forest land where C.A. is to be carried out.
Division:-Nuh District-Nuh

Tehsil Firozpur Jhirka Range Firozpur Jhirka
C.A. Site name : Nangal Mubarikpur Sec 4-5

GPS Reading :- CA + Additional CA Total Area 1.236 ha.

Nangal Mubarikpur Sec 4&5
N 27.903005 E 76.957224
N 27.903302 E 76.959674
N 27.904093 E 76.959519
N 27.903887 E 76.957093

- Area to be Afforested :-
- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): Yes
If the CA site is other than the land bank, reasons be given:- N.A.
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
- i) Soil type: Sandy to Sandy Loam.
ii) Topography a. Hilly/Undulating/Plain: Undulating
b. Slope:-Steep/Medium/Gentle: Gentle to steep
iii) Whether the area is bearing any root stock of vegetation:- At some hilly places.

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;
I. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

Sr. No.	Year	Rate per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant
3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th Year Maintenance	15.58/- Per Plant
5	5 th Year Maintenance	15.58/- Per Plant
6	6 th Year Maintenance	15.58/- Per Plant
7	7 th Year Maintenance	15.58/- Per Plant
8	8 th Year Maintenance	15.58/- Per Plant
9	9 th Year Maintenance	15.58/- Per Plant
10	10 th Year Maintenance	15.58/- Per Plant
	Total Cost.	625.40/-

Area to be Divered = 0.618 ha.
 No. of trees to be felled = 172 No.
 Plants to be damaged = 50 No.
 Plants to be planted = 1236 No.

Area to be planted = Two time of the area to be divered = $0.618 \times 2 = 1.236$ ha.
 Plants to be Planted = 1236 (@ 1000 plant per ha.)

Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) 100

S. No.	Description	Total Area	No. of plants	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges				
1	1st Year Plantation	1236		359.10/- Per Plant	443847.6
2	2nd Year Plantation	1236		115.35/- Per Plant	142572.6
3	3rd Year Plantation	1236		41.89/- Per Plant	51776.04
4	4th Year Plantation	1236		15.58/- Per Plant	19256.88
5	5th Year Plantation	1236		15.58/- Per Plant	19256.88
6	6th Year Plantation	1236		15.58/- Per Plant	19256.88
7	7th Year Plantation	1236		15.58/- Per Plant	19256.88
8	8th Year Plantation	1236		15.58/- Per Plant	19256.88
9	9th Year Plantation	1236		15.58/- Per Plant	19256.88
10	10th Year Plantation	1236		15.58/- Per Plant	19256.88
11	Barbed Wire Fencing Charge	4.94 RKM		Rs. 160000 per km.	790400
	Total Charges)				1563394
	Supervisory/Overhead/Miscellaneous Charges			10% On the CA Charges	156339
	Total (A) C.A Charges				1719733

Additional Compensatory Afforestation Charges			
B	Compensatory Afforestation Charges		No. of Plants
1	1st Year Plantation	359.10/- Per Plant	100
2	2nd Year Plantation	115.35/- Per Plant	100
3	3rd Year Plantation	41.89/- Per Plant	100
4	4th Year Plantation	15.58/- Per Plant	100
5	5th Year Plantation	15.58/- Per Plant	100
6	6th Year Plantation	15.58/- Per Plant	100
7	7th Year Plantation	15.58/- Per Plant	100
8	8th Year Plantation	15.58/- Per Plant	100
9	9th Year Plantation	15.58/- Per Plant	100
10	10th Year Plantation	15.58/- Per Plant	100
11	Barbed Wire Fencing Charge=	0.4 RKM	100
Total (B) Addl. C.A Charges		Rs. 160000 per km.	64000
C	Catchment Area Treatment (if required)		126540
Soil and Moisture Conservation Charges		30% of the Total	553882
D	Safety Zone (if required)		0
E	Additional Charges (if required)		0
F	Net Present Value of Forest Land to be diverted	Rs. 887000/- per ha.	548166
G	Felling Charges = M ²	40 M3	48000
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)	Rs. 1200/- per m3	89890
GRANT TOTAL			
			3086211

2.

Technical details:-

a) General Details:-

Plantation will be done with 3 strand barbed wire.

b) Spacement:-

4 × 5 meter

c) Species:-

Ronj (Acacia leucophloea), Khairi (Prosopis cineraria), Pahari

Papri (Holoptelea integrifolia), Neem (Azadirachta indica)

d) Plantation Method :-

Tall Plantation

e) Soil and Moisture Conservation Works:-

f) Protection (Fencing, Watch man, People's Participation etc.):- Fencing

g) Proposed Monitoring Mechanism:- (M&E),

h) Any Other information:- Nil.

Place:

Dated :

Note : CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.

Divisional Forest Officer
Muzaffarnagar Forest Division

Full Title of the Project: Diversion of 0.618 ha. of forest land for laying of 900 mm Water supply pipe line from RD 17.6 to Siha Minor at RD 19.1 & Near NH-2 RD 24.9 to Gounchhi Drain RD 27.4 Manpur road under forest Division & District Palwal

File No. :
Date of Proposal:

FP/HR/Water/35225/2018

CHECK LIST SERIAL NUMBER: 20

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that **1.236 ha** land bearing Survey No./ Compartment No. ___ of **Village Nangal Mubarikpur Sec 4&5 Tehsil Firozpur Jhirka District Nuh-Mewat** identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view from is free and all sorts of encumbrances and encroachments.

Date:
Place:- Mewat-Nuh

Divisional Forest Officer,
Mewat Forest Division
Nuh
Office Seal.....